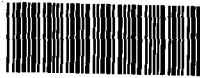




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06



872539

Site Name: Circle Court Ground Water

CERCLIS ID#: TXN000606965

Alias Site Name: NA

Address: 117 Circle Court

City/County or Parish/State/Zip: Weatherford/Parker County/Texas/76087

Report Type: Preliminary Assessment

Date: May 6, 2009

Author: Nancy Johnson - TCEQ

RECOMMENDATION:

<input type="checkbox"/> 1. No Further Remedial Action Planned Under Superfund (NFRAP)	<input checked="" type="checkbox"/> 2. Further Investigation Needed Under Superfund												
	<table><tr><td><input type="checkbox"/> PA</td><td><input type="checkbox"/> HRS</td><td>Priority: <input type="checkbox"/> High</td></tr><tr><td><input checked="" type="checkbox"/> SI</td><td><input type="checkbox"/> RI/FS</td><td><input type="checkbox"/> Low</td></tr><tr><td><input type="checkbox"/> ESI</td><td><input type="checkbox"/> RA</td><td></td></tr><tr><td colspan="3"><input type="checkbox"/> Other: _____</td></tr></table>	<input type="checkbox"/> PA	<input type="checkbox"/> HRS	Priority: <input type="checkbox"/> High	<input checked="" type="checkbox"/> SI	<input type="checkbox"/> RI/FS	<input type="checkbox"/> Low	<input type="checkbox"/> ESI	<input type="checkbox"/> RA		<input type="checkbox"/> Other: _____		
<input type="checkbox"/> PA	<input type="checkbox"/> HRS	Priority: <input type="checkbox"/> High											
<input checked="" type="checkbox"/> SI	<input type="checkbox"/> RI/FS	<input type="checkbox"/> Low											
<input type="checkbox"/> ESI	<input type="checkbox"/> RA												
<input type="checkbox"/> Other: _____													
To be performed by: <u>TCEQ</u>													
<input type="checkbox"/> 3. Action Deferred to: <input type="checkbox"/> RCRA <input type="checkbox"/> NRC													
<input type="checkbox"/> 4. Site Being Addressed Under the State Voluntary Cleanup Program (VCP): <input type="checkbox"/> Yes <input type="checkbox"/> No													

NOTIFY AUTHORITY:

<input type="checkbox"/> Removal	<input type="checkbox"/> RCRA	<input type="checkbox"/> TSCA	<input type="checkbox"/> CAA	<input type="checkbox"/> SMCRA
<input type="checkbox"/> Remedial	<input type="checkbox"/> State/Tribe	<input type="checkbox"/> NPDES	<input type="checkbox"/> NRC	<input type="checkbox"/> Resource Trustee: _____
<input type="checkbox"/> CERCLA	<input type="checkbox"/> Federal	<input type="checkbox"/> UIC	<input type="checkbox"/> SPCC	<input type="checkbox"/> Other: _____
Enforcement	Facility			

SEND SSSR COPIES TO: ☐ 6SF-AC ☐ 6WQ-SP ☐ ATSDR ☒ State Agency ☐ Tribal Agency

DISCUSSION:

The Circle Court Ground Water site is located at 117 Circle Court in Willow Park, Texas. It is located in a rural residential area with single-family residences to the east, west, and south. A 15-acre vacant wooded lot is located north of the site. North of this vacant wooded lot is a truck stop/diner. Located at the site is a municipal drinking water well (Well 20) which is part of the Willow Park Municipal System. Well 20 was drilled on July 15, 1965 to a depth of 180 feet below ground surface.


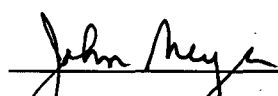
The Willow Park Municipal System currently provides drinking water to 5,897 individuals through 1,685 connections. Ground water is pumped from 17 municipal wells through five pump stations to 11 points of entry in the system. Well 20 is the only municipal well providing water to the Willow Springs Oaks Pump Station (Point of Entry No. 11). Routine sampling conducted on March 23, 2006 Point of Entry No. 11 detected trichloroethene (TCE) at 6.03 ug/L. As a result, Willow Park Municipal System voluntarily took Well 20 out of service. Follow-up sampling collected directly from Well 20 on May 4, 2006 detected TCE at 33.9 ug/L. On June 19, 2006, granular activated carbon (GAC) filters were installed on Well 20. Periodic sampling of water before and after the GAC filters revealed the filters have effectively reduced the TCE concentrations to levels below the EPA Maximum Contaminant Level (MCL). Nine private wells located in the vicinity of Point of Entry No 11 were sampled on June 1-2, 2006. Of the nine wells sampled, TCE was detected in five of the wells. One of these wells had a concentration of TCE greater than the EPA MCL. Point of Entry No. 11 and Well 20 are located in a rural residential area. No potential source of the TCE contamination was identified during this Preliminary Assessment; however, the distribution of TCE in groundwater suggests a source area to the north-northwest of Well 20.

Groundwater use within the 4-mile target distance limit (TDL) include public water supply, domestic, irrigation, commercial, livestock, and other miscellaneous uses. A search of the TCEQ water well database revealed 61 public water supply wells within the 4-mile TDL. The number of persons served by these public water supply wells is not known. The Texas Department of Licensing and Regulation database identifies approximately 360 domestic wells within the 4-mile TDL.

Other pathways (soil, surface water, and air) were not evaluated in this Preliminary Assessment. The pathway of concern at this site is the groundwater pathway.

A release to the groundwater pathway has been confirmed; however, no source for the contamination has been identified. Because of the potential for groundwater receptors in the site area, it is recommended that a Sampling Inspection be conducted at the Site.

APPROVALS:

Report Reviewed by:	<u>Bret Kendrick</u> (Site Assessment Manager)	Signature:	<u></u>	Date:	<u>08/03/09</u>
Disposition Approved by:	<u>John Meyer</u> (Section Chief 6SF-TR)	Signature:	<u></u>	Date:	<u>8/14/09</u>